

ABSTRACT OF THE DISCLOSURE

A network-based wireless telephone communication device is proposed, which can be either an independent device or integrated to a portable information platform, and which is capable of providing an interactive multi-person voice communication session for the user to talk with one or more other persons via voice over a network system, such as the Internet, through a wireless network interface. The proposed network-based wireless telephone communication device is more advantageous to use than prior art in that it utilizes the Internet for voice data transmission and therefore is significantly more economical to use than mobile phone. Moreover, since the proposed network-based wireless telephone communication device can be either an independent device or integrated to a portable information platform, such as mobile phone, electronic dictionary, PDA, or the like, it has a higher level of portability than notebook computer with wireless linking capability.

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